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WEATHER BUREAU

AMERICAN UNIVERSITY OBSERVATORY

MONTHLY BULLETIN

METEOROLOGICAL SECTION

FRANS BRUIN: DIRECTOR

HALIM HOURANI, OBSERVER

BEIRUT, LEBANON

Latitude: 33° 54' 22" N.

Longitude: $2^h\ 21^m\ 52^s.7$ E.

June 1960

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JUNE 1960

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degrees Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	56.9	55.2	51.8	54.6	27.3	23.5	25.7	26.0	24.0	25.2
2	53.8	56.1	58.7	56.2	27.6	20.3	25.0	26.3	21.8	24.4
3	60.3	61.1	61.5	61.0	25.6	23.8	23.7	25.6	21.5	23.6
4	61.4	60.9	61.1	61.1	26.0	23.3	23.7	25.3	20.5	23.2
5	61.1	61.0	61.0	61.0	25.4	19.7	23.0	24.5	21.4	23.0
6	60.9	59.9	59.1	60.0	25.5	20.8	24.7	24.2	22.5	23.8
7	58.7	57.8	57.2	57.9	27.8	22.6	24.8	27.1	26.2	26.0
8	57.6	56.9	57.3	57.3	27.7	21.7	25.5	27.0	23.5	25.3
9	58.2	58.3	58.3	58.3	28.1	20 4	25.4	27.3	22.7	25.1
10	59.4	59.4	58.8	59.2	27.6	21.0	25.2	27.2	22.7	25.0
11	58.7	58.1	57.2	58.0	28.3	25.9	25.4	28.0	23.3	25.6
12	54.9	54 3	54.3	54.5	28.9	22.2	26.0	28.5	24.2	26.2
13	55.5	56.0	56.1	55.9	28.2	21.2	26.0	26.6	23.2	25.3
14	58.6	59.3	60.5	59.5	28.2	21.9	25.0	26.8	23.2	25.0
15	60.7	60.6	59.9	60.4	27.4	21.1	25.2	26.2	22.6	24.7
16	59.0	58.1	57.9	58.3	27.9	22.0	25.3	27.1	23.5	25.3
17	57.4	57.2	56.9	57.2	28.9	22.2	26.4	27.5	24.0	26.0
18	57.0	56.9	57.2	57.0	29.7	27.2	26.9	28.8	24.7	26.8
19	56.4	56.3	56.7	56.5	29.0	23.2	27.2	28.2	24.1	26.8
20	57.2	56.9	56.7	56.9	29.0	22.3	26.6	28.1	23.7	26.1
21	55.6	56.1	56.8	56.2	28.3	21.9	27.0	27.9	23.5	26.1
22	56.8	56.9	57.1	56.9	28.3	21.2	26.2	27.7	23.5	25.8
23	56.8	57.4	58.2	57.5	28.2	21.5	26.0	27.1	23.9	25.7
24	59.0	59.0	59.5	59.2	27.5	25.2	26.1	26.3	23.0	25.1
25	59.3	58.7	58.6	58.9	26.3	25.8	25.0	26.0	23.4	24.8
26	59.3	58.6	57.7	58.5	27.0	22.7	25.6	26.0	24.2	25.3
27	58.0	57.1	56.8	57.3	28.8	22.6	26.8	27.6	24.6	26.3
28	55.5	54.4	53.9	54.6	30.4	23.0	27.4	30.0	25.0	27.5
29	53.6	53.2	52.4	53.1	29.7	22.9	27.2	29.4	24.5	27.0
30	52.7	52.4	52.9	52.7	30.6	24.4	26.8	30.3	25.4	27.5
31										
	57.68	57.47	57.40	57.52	28.97	22.58	25.69	27.15	23.48	25.45

Barometer, range for month 761.4 mm. — 752.4 mm.
„ 71-yr. average for month 757.92mm.
Thermometer, range for month 30.6°C — 19.7°C
„ 82-yr. average for month 24.9°C
Rain total for month 0.35 mm.
„ 82-yr average for month 3.3 mm.
„ Total, Sept. 1st. to end of month 629.77 mm.
„ 82-yr average. Sept. 1st. to end of month 892.03 mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	19.8	20.3	22.5	20.9	61	61	76	66	12.0	117	
2	22.1	22.3	20.9	21.8	70	65	79	71		539	0.35
3	17.9	18.8	17.2	18.0	62	58	67	62	12.1	295	
4	15.7	15.8	16.8	16.1	53	49	69	57	10.6	189	
5	18.3	16.4	17.9	17.5	65	53	70	63	12.6	79	
6	16.2	21.3	21.5	19.7	53	71	78	67	12.6	161	
7	22.8	25.0	15.1	21.0	73	70	44	62	12.5	151	
8	22.9	23.8	23.8	23.5	70	67	82	73	12.1	127	
9	24.3	24.3	26.5	25.0	76	67	96	80	12.3	183	
10	23.9	23.7	23.8	23.8	75	66	86	76	12.6	145	
11	23.7	25.0	24.9	24.5	73	66	88	76	12.4	140	
12	25.2	25.9	24.2	25.1	75	66	80	74	12.0	319	
13	23.7	23.2	23.1	23.3	71	66	81	73	11.2	175	
14	20.3	19.6	20.9	20.3	64	56	73	64	12.1	85	
15	20.1	18.8	20.5	19.8	63	55	75	64	12.3	84	
16	22.1	23.1	23.6	22.9	68	64	81	71	12.4	85	
17	24.8	24.2	24.9	24.6	72	66	83	74	11.3	101	
18	25.6	26.9	27.0	26.5	73	69	87	76	11.8	158	
19	24.7	23.3	23.2	23.9	68	62	78	69		296	
20	21.2	22.2	22.6	22.0	61	58	78	66	11.8	177	
21	22.4	20.9	20.3	21.2	63	56	70	63	11.6	188	
22	20.6	21.0	20.3	20.6	61	57	70	63	11.8	126	
23	19.4	21.1	20.9	20.5	58	59	71	63	12.3	103	
24	22.4	19.8	19.6	20.6	66	58	70	65	12.3	90	
25	20.3	19 0	18.5	19.3	64	56	64	61	12.5	61	
26	19.3	21.3	24.2	21.6	59	63	80	67	12.7	116	
27	24.5	22.4	25.9	24.3	70	61	84	72	12.7	121	
28	27.1	27.7	26.5	27.1	74	65	84	74	12.9	151	
29	25.7	26.5	25.7	26.0	71	64	83	73	12.4	209	
30	25.5	27.5	26.1	26.4	74	64	80	73	12.5	372	
31											
	22.08	22.39	22.30	22.26	66.9	61.9	76.9	68.6	12.16	170.77	0.01

Height of Barometer above sea level : 33.7 meters.
Height of Thermometers above ground :
Dry and wet 1.25 m. ; Max. 1.30 m. ; Min. 1.50 m.
Hygrometric data from readings of wet and dry bulb thermometers exposed in a Stevenson screen, reduced according to M.O. 265.
Rim of Rain Gauge : above ground 0.66 m. ; above sea level 30.31 m.
Rainfall is read at 20:30 for the preceding 24 hours.
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				beaufort, scale Direction and force of wind			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	4ci-st	1ci-st	1.7	3ne	3ne	2ne	light	
2	0	1cu	7cu	2.7	5sw	4sw	3sw	slight	H.a.m.p.m.W.a.m
3	3cu	1cu	2st-cu	2.0	3sw	4sw	3sw	light	
4	2st-cu	2st-cu	0	1.3	3sw	3sw	0	,,	
5	1cu-ci	0	0	0.3	2sw	2w	1ne	,,	
6	0	0	0	0.0	2ne	3ne	3ne	light	
7	0	0	0	0.0	3w	3ne	3ne	,,	
8	0	0	0	0.0	2nw	3sw	1sw	,,	D.p.m
9	6st	0	1cu	2.3	3sw	3sw	3sw	,,	D.p.m
10	2st	0	0	0.7	3sw	3sw	0	,,	D.p.m
11	0	1ci-st	0	0.3	3sw	3sw	1sw	light	D.p.m
12	1ci-st	2ci	0	1.0	4sw	3sw	2sw	,,	
13	0	0	5st-cu	1.7	3sw	3sw	3sw	,,	D.p.m
14	3cu-st	1cu	6cu-ni	3.3	3sw	3w	0	,,	
15	2cu	0	1cu	1.0	3sw	3w	0	,,	
16	0	1cu st	7st-cu	2.7	3sw	3w	2w	light	
17	0	0	0	0.0	3sw	3sw	1sw	,,	D.p.m
18	0	1ci	0	0.3	3sw	3sw	2sw	,,	D.p.m
19	1st-ci	4ci-st	0	1.7	4sw	4sw	3sw	slight	Breeze.a.m p.m
20	0	6ci-st	0	2.0	3sw	3w	0	light	
21	1cu	4st	4cu	3.0	4sw	3sw	2sw	light	
22	2cu-st	0	3cu	1.7	3sw	3sw	1sw	,,	
23	0	3st	5cu	2.7	3sw	3sw	2sw	,,	
24	0	2cu-st	2cu	1.3	3sw	3w	1w	,,	
25	2ci-cu	0	0	0.7	2w	2w	0	,,	
26	0	0	0	0.0	2ne	3ne	2ne	light	D.p.m
27	0	0	0	0.0	3n	3ne	1ne	,,	D.p.m
28	0	0	2cu-st	0.7	3sw	3sw	2sw	,,	D.p.m
29	0	0	0	0.0	3sw	3sw	1sw	,,	D.p.m
30	7st	0	0	2.3	4sw	4sw	4sw	slight	
31									
	mean			1.25					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	3	0	0	0	23	2	1	0	30
14:30	0	5	0	0	0	18	7	0	0	30
20:30	0	6	0	0	0	16	2	0	6	30
Total	1	14	0	0	0	57	11	1	6	90

Number of days with rain, 1 fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.79
Time of reading minus 2 hours equals G.C.T